CIVIL TECH LABS
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Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Projec East Yelahanka Zone,BBMP Bangalore.
Name of Work	Providing children equipments and other works at coffee board layout in ward no. 07.
Name of Agency	M/s. K. R. I. D. L, Bangalore.
Grade of Concrete	M-15
No. of cubes tested	3
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	ID	Dimension of specimen (mm)	Cross sectional area (mm^2)	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm^2)	Avg Compressive Strength (N/mm^2)
1	CC-Work	150.14 X 150.13 X 150.0	22541	15/06/2016	13/07/2016	28	8.17	348	**15.47**	**15.64**
2		150.15 X 150.12 X 150.0	22541				8.19	352	**15.64**	
3		150.14 X 150.13 X 150.0	22541				8.21	356	**15.82**	

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.

JE p/2 verify.

Asst. Executive Engineer
Project Division
Yelahanka Zone
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(BASAVARAJ K.)
Executive Director

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TEST REPORT

TEST ON CEMENT

Name & Address of the Customer	AEE, Projec East Yelahanka Zone,BBMP Bangalore.
Name of Work	Providing children equipments and other works at coffee board layout in ward no. 07.
Name of the Agency	M/s. K. R. I. D. L, Bangalore.
Date of Testing	08/06/2016

Tests	**Test Method As Per IS & Apparatus**		**Results**		**Requirements As Per IS 8112:1989**	**Remarks**
	IS Code	**Method**	**Value**	**Unit**		
Initial Setting Time	**IS-4031 (Part-5) 1988**	VICAT	52	min	Not Less Than 30 Minutes	Satisfies Requirement
Final Setting Time	**IS-4031 (Part-5) 1988**	VICAT	486	min	Not More Than 600 Minutes	Satisfies Requirement
Soundness	**IS-4031 (Part-3) 1988**	LE-CHATELIER	4	mm	Not More Than 10 mm	Satisfies Requirement

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JE please verify.

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TEST REPORT

GRADATION TEST ON FINE AGGREGATES

Name & Address of the Customer	AEE, Projec East Yelahanka Zone,BBMP Bangalore.
Name of Work	Providing children equipments and other works at coffee board layout in ward no. 07.
Name of Agency	M/s. K. R. I. D. L, Bangalore.
Date of Testing	08/06/2016
Specific Gravity	**2.58**
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2011), IS : 2386 (Part III)–1963 (Reaffirmed 2011)

Sample	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970 (Reaffirmed 2011)				Grading Zone	Remarks
			ZONE-I	ZONE-II	ZONE-III	ZONE-IV		
River Sand	10	**100**	100	100	100	100	II	Satisfies the requirement
	4.75	**98.4**	90-100	90-100	90-100	95-100		
	2.36	**87.4**	60-95	75-100	85-100	95-100		
	1.18	**75.2**	30-70	55-90	75-100	90-100		
	0.6	**48.2**	15-34	35-59	60-79	80-100		
	0.3	**25.3**	5-20	8-30	12-40	15-50		
	0.15	**8.5**	0-10	0-10	0-10	0-15		

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JE plz
Kindly.

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TEST REPORT

GRADATION TEST ON COARSE AGGREGATES 20mm ↓ Graded

Name & Address of the Customer	AEE, Projec East Yelahanka Zone,BBMP Bangalore.
Name of Work	Providing children equipments and other works at coffee board layout in ward no. 07.
Name of Agency	M/s. K. R. I. D. L, Bangalore.
Date of Testing	08/06/2016
Specific Gravity	**2.64**
Water Absorption	**0.33%**
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2011), IS : 2386 (Part III)–1963 (Reaffirmed 2011)

IS Sieve Designation (mm)	**Sieve Analysis (% Passing IS Sieve)**	**Grading Requirement as per IS:383-1970 (Reaffirmed 2011)**	**Remarks**
40	**100**	100	**Satisfies the requirement**
20	**98.7**	95-100	
10	**42.6**	25-55	
4.75	**8.2**	0-10	

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JE plz verify.

Asst. Executive Engineer
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